

=== COVER PAGE ===

RECEIVED  
CENTRAL FAX CENTER  
FEB 15 2006

TO: \_\_\_\_\_

FROM: REED SMITH LLP

FAX: 7032041352

TEL: 7036414547

COMMENT: CONFIDENTIAL

**ReedSmith****FAX TRANSMITTAL****From: Toni-Junell Herbert**

Direct Phone: 703-641-4285

Email: therbert@reedsmith.com

Date: February 15, 2006

Reed Smith LLP

3110 Fairview Park Drive

Suite 1400

Falls Church, VA 22042-4503

703.641.4200

Fax 703.641.4340

**Total Number Of Pages Including Cover Page 3****FAX TO**

Name	Company	Fax Number	Phone Number
Examiner Qian Janice Li	USPTO	571-273-8300	866-217-9197

Original will follow via: ☐ Regular Mail ☐ Overnight Delivery ☐ Messenger ☒ None**NOTES:****If you do not receive all of the pages, please call Sharon S. Goode at 703-641-4243.**Please Transmit Before ☐9 ☐10 ☐11 a.m. ☐12 ☐1 ☐2 ☐3 ☐4 ☐5 ☐6 ☐7 ☐8 p.m.

Client Number:

Matter Number:

Attorney Number:

4619

Transmission Time:

a.m./p.m.:

Finish Time:

a.m./p.m.:

Operator:

PLEASE NOTE: The information contained in this facsimile message may be privileged and confidential, and is intended only for the use of the individual(s) or entity named above who has been specifically authorized to receive it. If the reader is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return all pages to the address shown above. Thank you.

NEW YORK • LONDON • LOS ANGELES • PARIS • SAN FRANCISCO • WASHINGTON, D.C. • PHILADELPHIA • PITTSBURGH • OAKLAND  
MUNICH • PRINCETON • FALLS CHURCH • WILMINGTON • NEWARK • MIDLANDS, U.K. • CENTURY CITY • RICHMOND • LEESEBURG

reedsmith.com

**RECEIVED**  
**CENTRAL FAX CENTER****FEB 15 2006****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Yan, et al.

Serial No.: 10/032,495

Filed: January 2, 2002

For: A Method for Producing a Population of  
Homozygous Stem Cells Suitable for Transplant  
Derived Therefrom, and Materials and Method  
Using Same

Art Unit: 1633

Examiner: Li, Qian Janice

Atty. Docket: 967039.00002

**COMMENTS ON EXAMINER'S STATEMENT OF REASONS OF ALLOWANCE**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant submits the following comments on the Examiner's Statement of Reasons of Allowance.

**REMARKS**

Applicants want to be sure that there is no misunderstanding as to the use of the term "embryonic". The term "embryonic" in the allowed claims in no ways refers to a fertilized oocyte. On the contrary, as discussed in the specification and as the method is set forth in the claims, the homozygous stem cells are created by parthenogenetic activation of oocytes using sham ICSI followed by calcium ionophore. The oocytes are not in fact fertilized, but rather the conditions are such that the oocyte thinks it has been fertilized by a sperm cell, thereby permitting the activated oocyte to continue its normal process of cell division as if it had been fertilized. The homozygous stem cells of the present invention are never created through fertilization of an oocyte by a sperm cell.

**CONCLUSION**

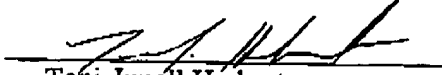
The Notice of Allowability mailed November 16, 2005, has been carefully reviewed.

Applicant gratefully appreciates the Examiner's telephone accessibility.

Respectfully submitted,

REED SMITH LLP

By: \_\_\_\_\_

  
Toni-Junell Herbert  
Reg. No. 34,348

Date: \_\_\_\_\_

2/15/06

3110 Fairview Park Drive  
Suite 1400  
Falls Church, VA 22042  
703-641-4285  
Fax: 703-204-1352